

DERWENT-ACC-NO: 1970-85020R  
DERWENT-WEEK: 197046  
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TITLE: Emulsifying agents for dry cleaning fluids - based  
on  
water-in-trichlorotr ifluoroethane

PATENT-ASSIGNEE: DAIKIN KOGYO KK[DAIK]

PRIORITY-DATA: 1969US-0818795 (April 23, 1969)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
DE 1926130 A		N/A
000		
DE 1926130 B	November 6, 1975	N/A
000		
GB 1252728 A		N/A
000		

INT-CL\_(IPC): C11D007/52

ABSTRACTED-PUB-NO: DE 1926130A

BASIC-ABSTRACT: Emulsifiers for cleaning fluids for use on machines and clothes consist of a mixture of 20 to 80% by wt. of (1) methylamine- (2) ethylamine ; (3) dimethylamine (4) morpholine- (5) monoethanolamine- (6) isopropanolamine-, (7) diethanolamine-, or (8) triethanolamine-salts of dodecylbenzene sulphonic acid, with 80 to 20% of (9) n-propylamine- (10) n-butylamine- (11) sec-butylamine-, (12) cyclohexylamine-, (13) 2-ethyl lexylamine-, (14) di-n-butylamine-, (15) di- isobutylamine-(1 6) dicyclohexylamine-, or (17) tributylamine- salts of dodecyl benzene sulphonic acid. Preferred mixtures are 5/11, 5/12, 5/15, 5/14, 1/11, 1/12, 1/13, 1/17, 7/11, 8(17, 6/11, 6/15, 3/11, 3/10, 3/13, 2/9, 2/12, 2/13, 2/14, 4/11, 4/12, 4/17, 1/9, 3/9, 3/9, 3/17, 4/14, and 5/17. Better emulsification of water in trichloro

trifluoromethane is  
obtained than with the isopropylamine salt of dodecyl  
benzene sulphonic acid  
previously used as emulsifier.

TITLE-TERMS:

EMULSION AGENT DRY CLEAN FLUID BASED WATER

DERWENT-CLASS: D25 E16 F06 J02

CPI-CODES: D11-A; D11-D; E07-E03; E10-A09B; E10-B03B;  
E10-B04B; E10-H02B;  
F03-J; J02-A03;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

H6 H601 H609 H685 H602 M620 Q273 M510 Q323 M520  
M530 M540 M782 R021 R022 R023 R024 M416 M901

Chemical Indexing M3 \*02\*

Fragmentation Code

H1 M126 M143 M144 G563 G050 G599 H161 H181 H401  
H481 H482 H483 H484 M620 M232 M233 M331 M333 M650  
M771 Q273 M510 Q323 M520 M530 M540 M541 M542 Q602  
Q616 M782 R021 R022 R023 R024 M415 M416 M901

Chemical Indexing M3 \*03\*

Fragmentation Code

F653 M650 M771 Q273 M510 Q323 M521 M530 M540 Q602  
Q616 M782 R021 R022 R023 R024 M413 M901

Chemical Indexing M3 \*04\*

Fragmentation Code

K0 G100 M531 K431 K432 M240 M630 M771 Q273 M510  
Q323 M520 M540 Q602 Q616 M782 R021 R022 R023 R024  
M414 M901

Chemical Indexing M3 \*05\*

Fragmentation Code

H6 H601 H609 H685 H602 M620 Q273 M510 Q323 M520  
M530 M540 M782 R021 R022 R023 R024 M416 M901

Chemical Indexing M3 \*06\*

Fragmentation Code

H1 M126 M143 M144 G563 G050 G599 H161 H181 H401  
H481 H482 H483 H484 M620 M232 M233 M331 M333 M650  
M771 Q273 M510 Q323 M520 M530 M540 M541 M542 Q602

Q616 M782 R021 R022 R023 R024 M415 M416 M901

Chemical Indexing M3 \*07\*

Fragmentation Code

F653 M650 M771 Q273 M510 Q323 M521 M530 M540 Q602

Q616 M782 R021 R022 R023 R024 M413 M901

Chemical Indexing M3 \*08\*

Fragmentation Code

K0 G100 M531 K431 K432 M240 M630 M771 Q273 M510

Q323 M520 M540 Q602 Q616 M782 R021 R022 R023 R024

M414 M901